



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Frank L. Hall

**Serial No.:** 10/791,194

**Filed:** March 2, 2004

**For:** METHODS FOR PREPARING BALL  
GRID ARRAY SUBSTRATES VIA USE OF  
A LASER

**Confirmation No.:** 1948

**Examiner:** S. Heinrich

**Group Art Unit:** 1725

**Attorney Docket No.:** 2269-4718.2US  
(00-0316.02/US)

**NOTICE OF EXPRESS MAILING**

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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO/SB/08 be considered by the Examiner and made of record. Copies of any cited foreign patents, publications, or pending unpublished U.S. applications are enclosed pursuant to 37 C.F.R. § 1.98(a)(2). The listed documents were cited by the Office in co-pending application Serial No. 10/791,190, filed on March 2, 2004, and directed to a related invention.

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 3,767,304	10/1973	Keenan et al.
US - 5,352,107	10/1994	Oh
US - 6,456,951	09/2002	Maeda et al.
US - 6,465,743	10/2002	Owens
US - 6,825,924	11/2004	Uda et al.

Foreign Patent Documents

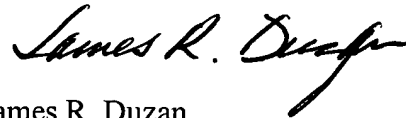
<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 56-133834 A	10/1981	OKI Electric Ind. Co.
JP 04-113663 A	04/1992	Ibiden Co. Ltd.
JP 07-176555 A	07/1995	NEC Corp.
JP 10-051151 A	02/1998	Ibiden Co. Ltd.
JP 2001-030290 A	02/2001	Nissha Printing Co.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

Serial No. 10/791,194

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application, and therefore no additional fee is due.

Respectfully submitted,



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Date: July 19, 2006  
JRD/ps:lmh

Enclosures: Form PTO/SB/08  
Cited Non-U.S. Patent Documents

Document in ProLaw

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/791,194
				Filing Date	March 2, 2004
				First Named Inventor	Frank L. Hall
				Group Art Unit	1725
				Examiner Name	S. Heinrich
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Sheet	1	of	1		